

FIG. 1 A

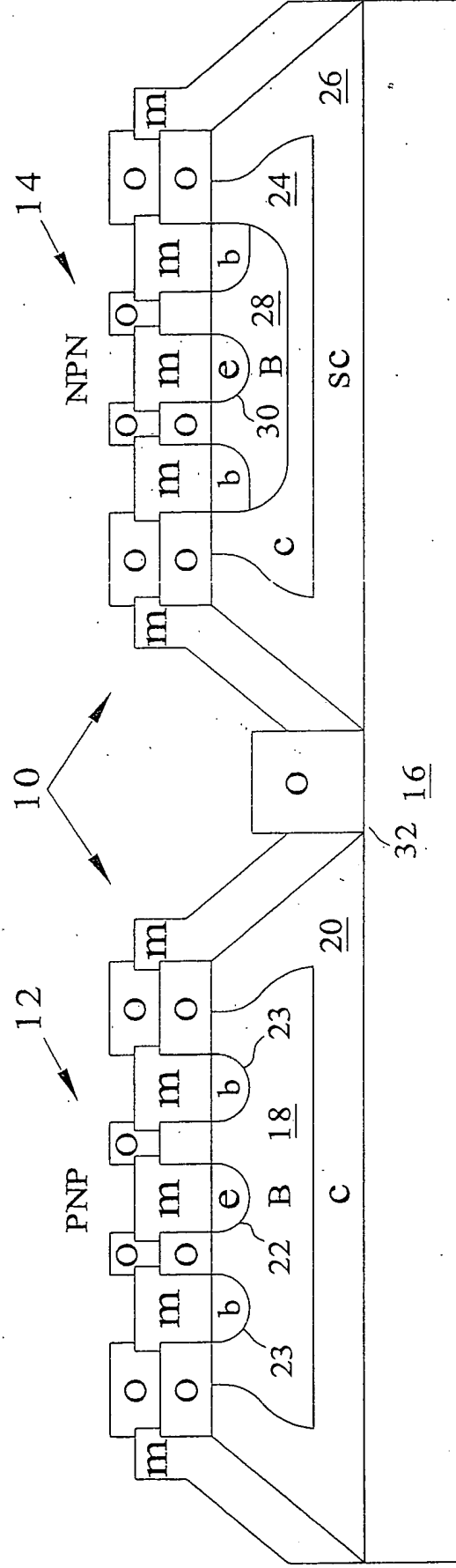


FIG. 1 B

KEY: m = metal o = oxide  
e = emitter

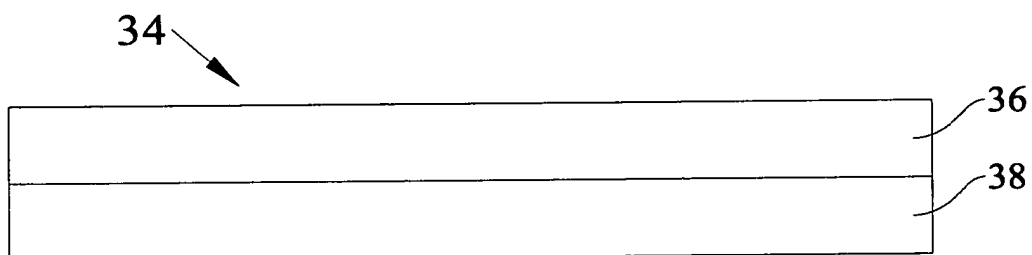


FIG. 2

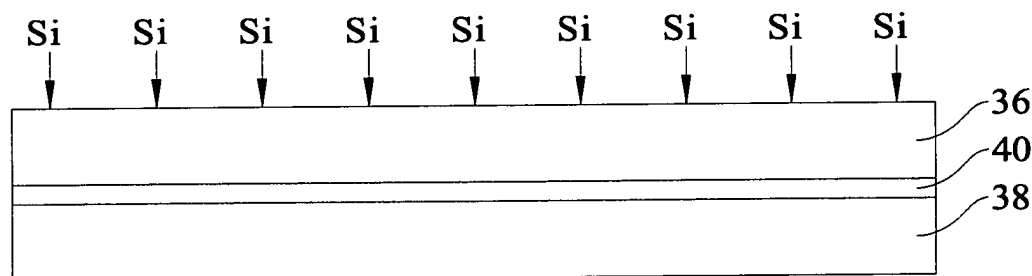


FIG. 3

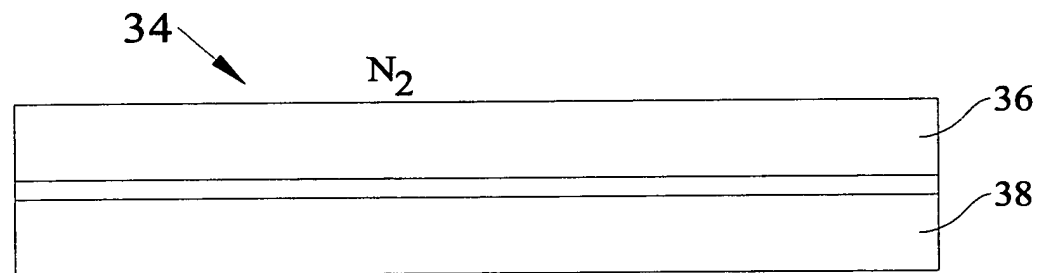


FIG. 4

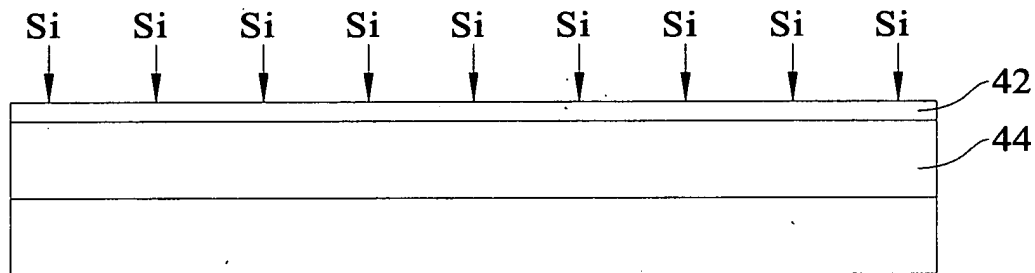


FIG. 5

N<sub>2</sub> ANNEAL

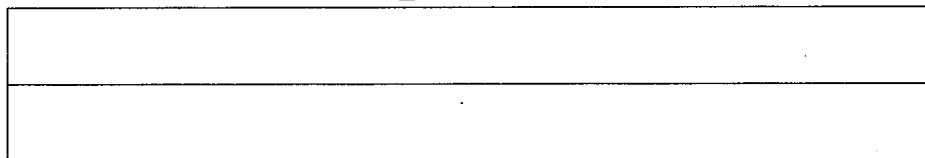


FIG. 6

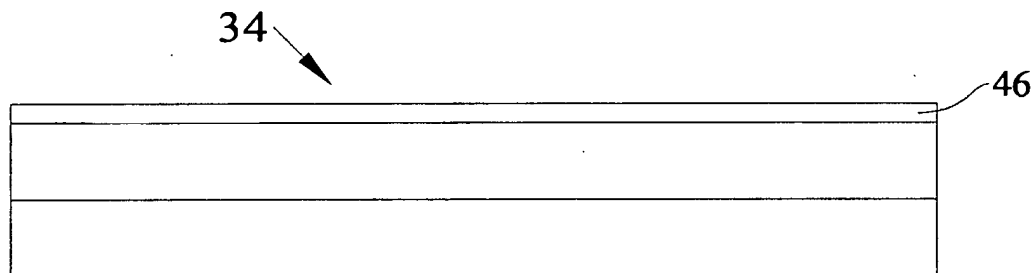


FIG. 7

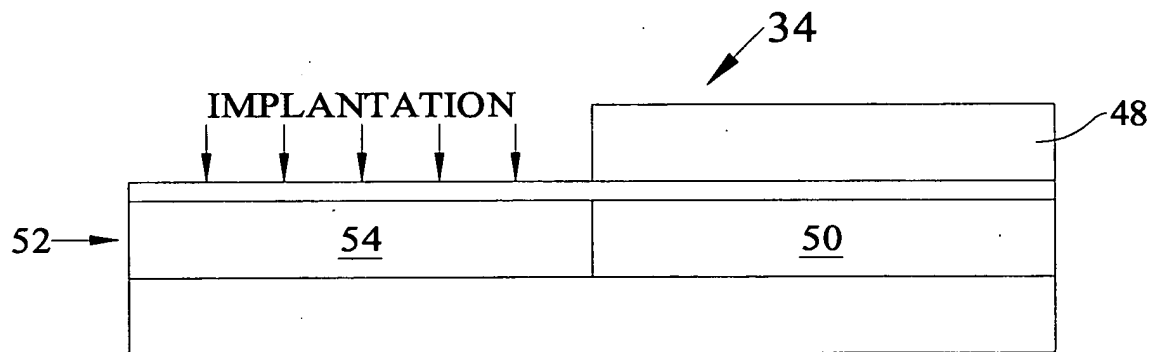


FIG. 8

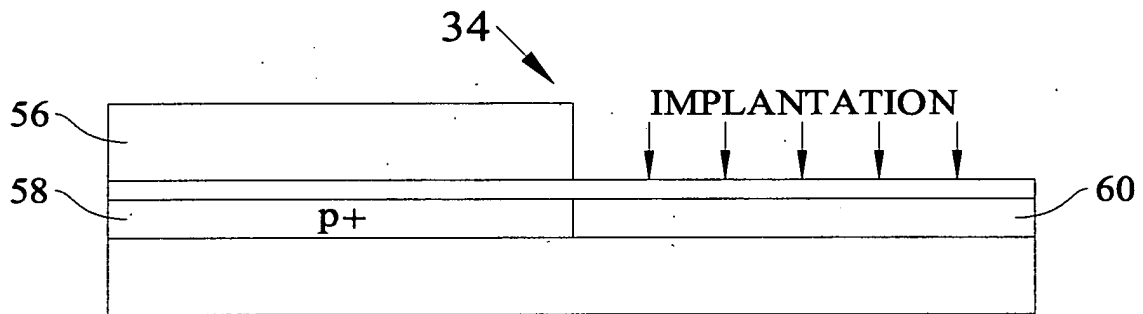


FIG. 9

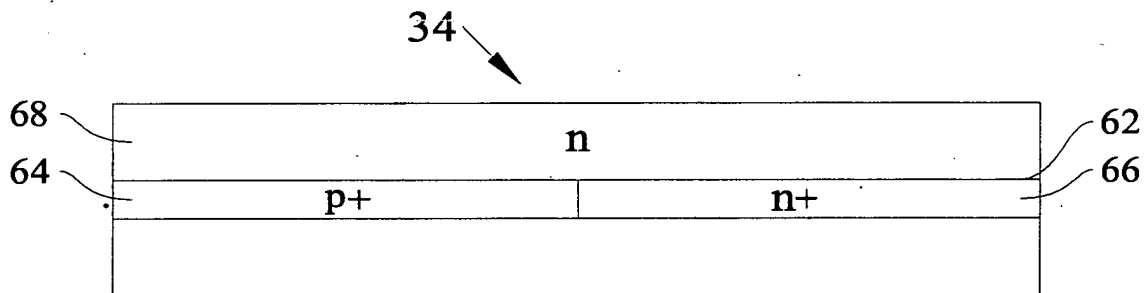


FIG. 10

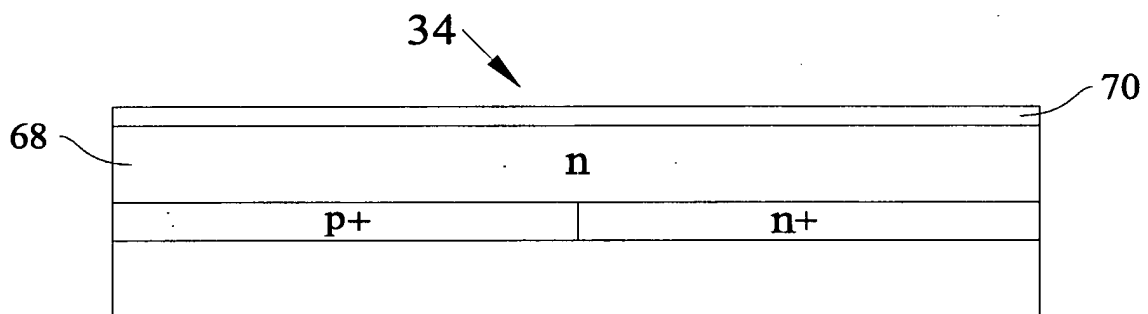


FIG. 11

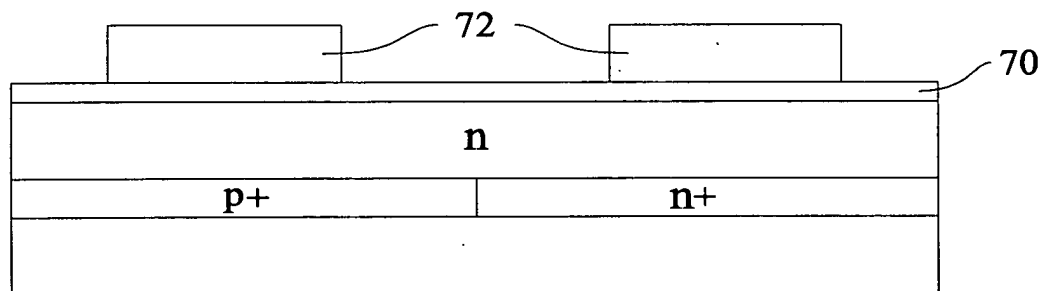


FIG. 12

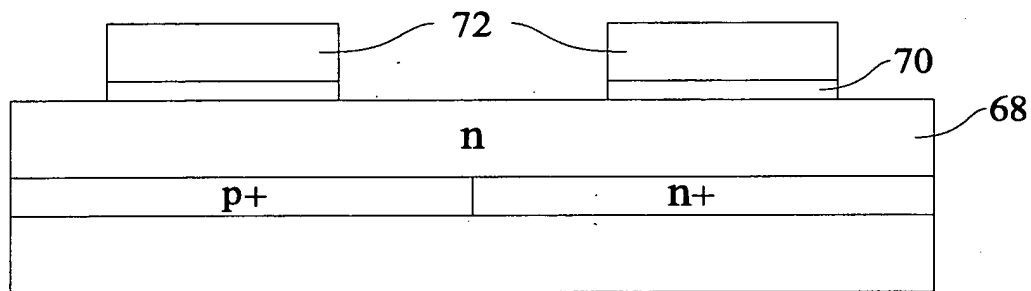


FIG. 13

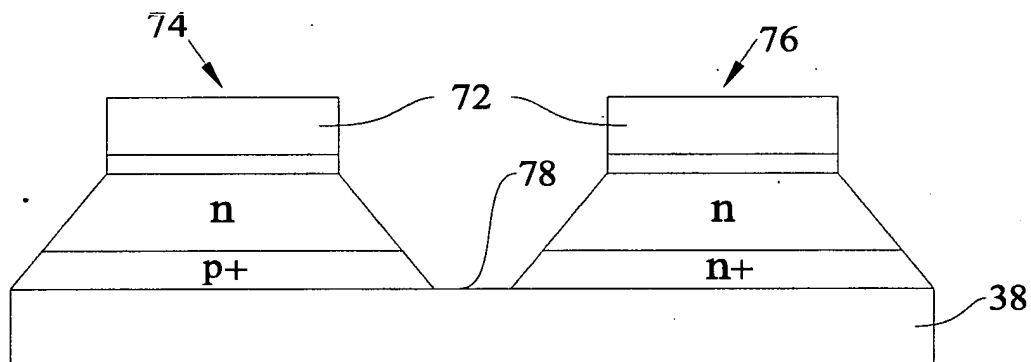


FIG. 14

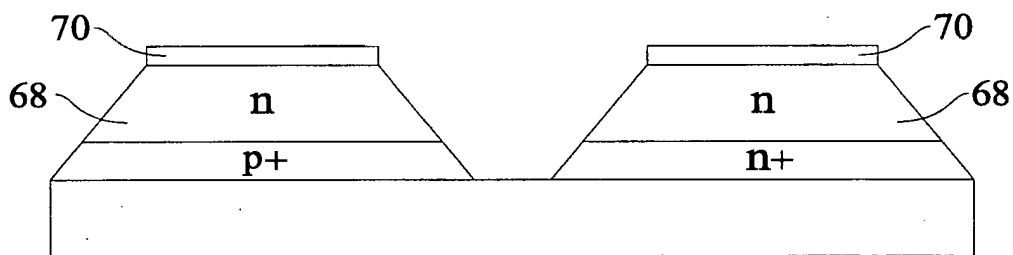


FIG. 15

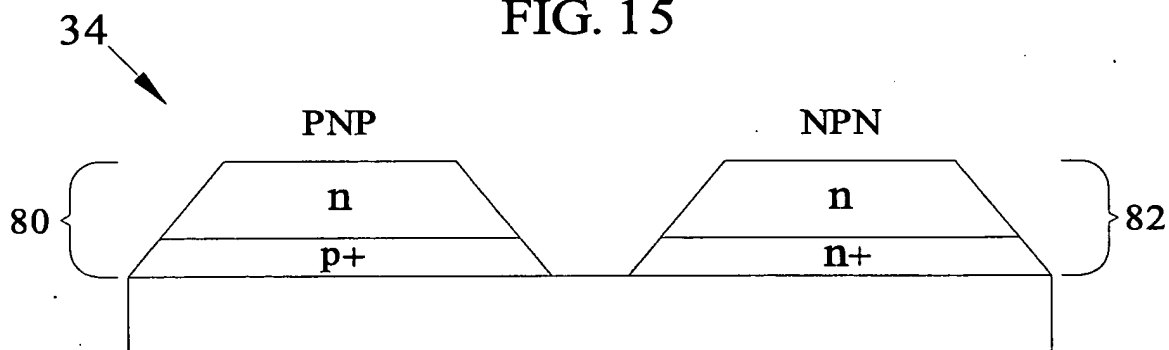


FIG. 16

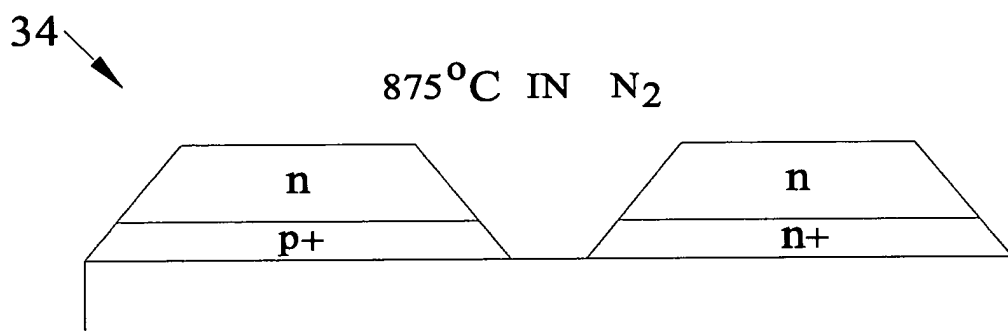


FIG. 17

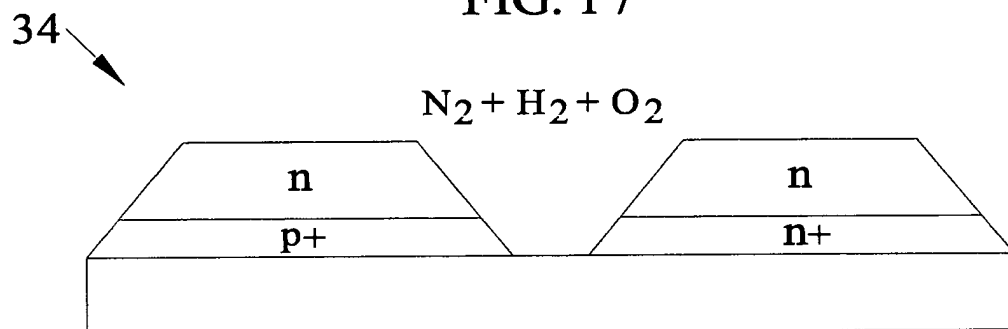


FIG. 18

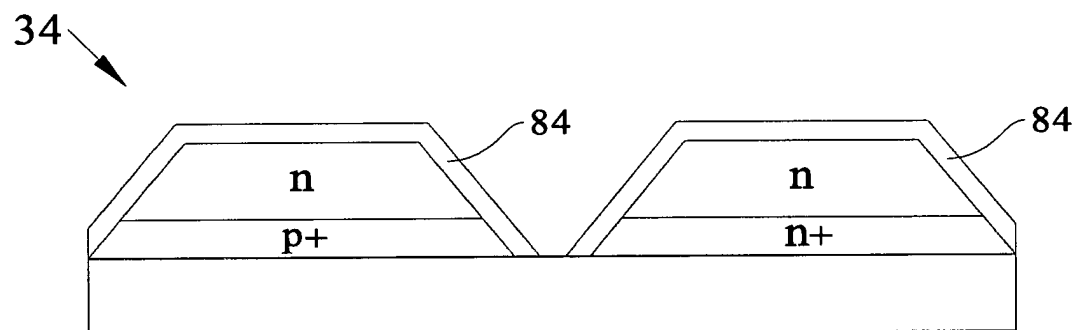


FIG. 19

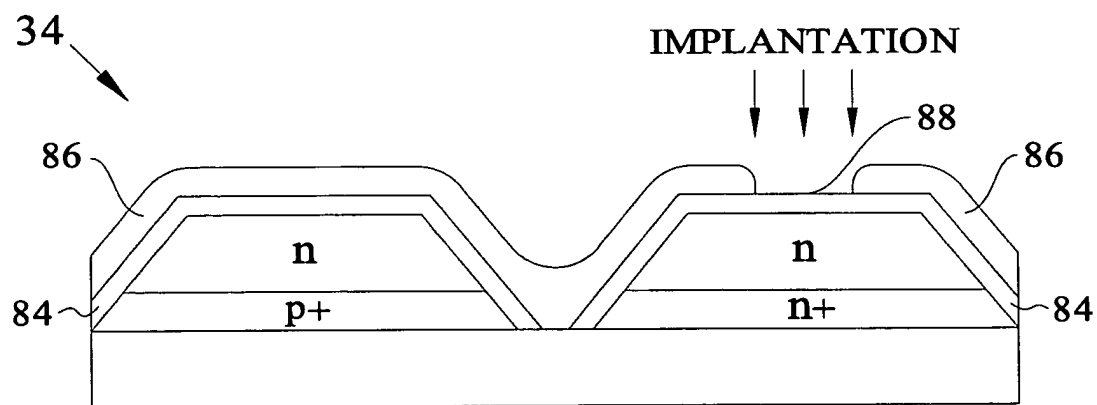


FIG. 20

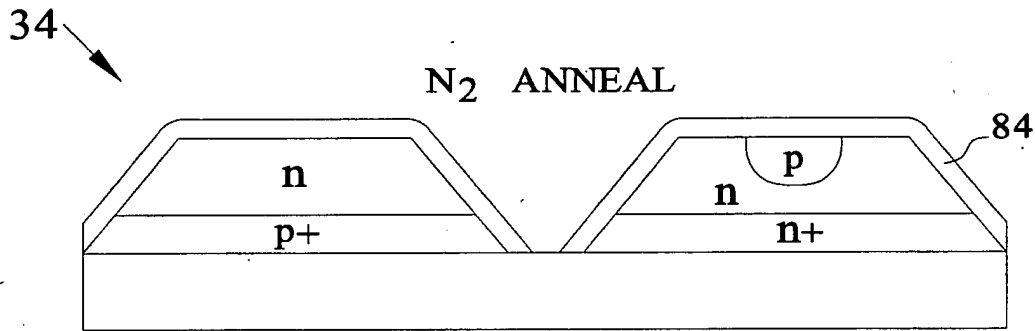


FIG. 21

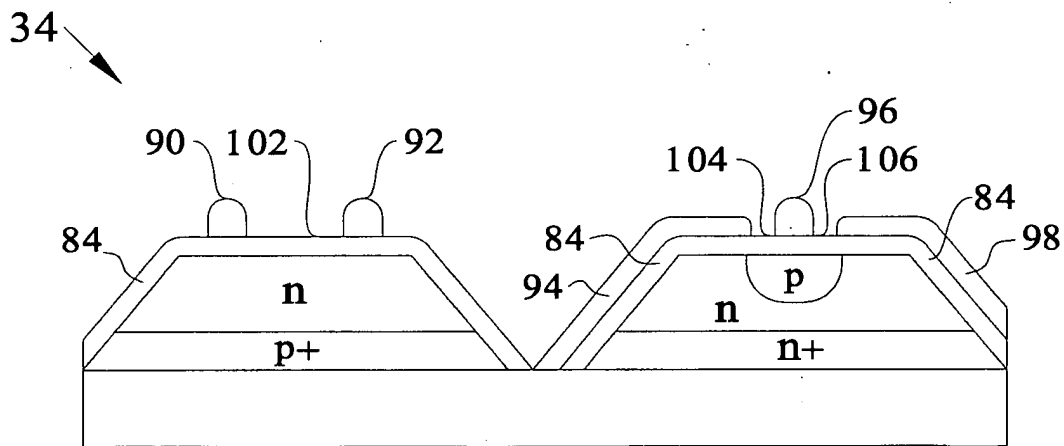


FIG. 22

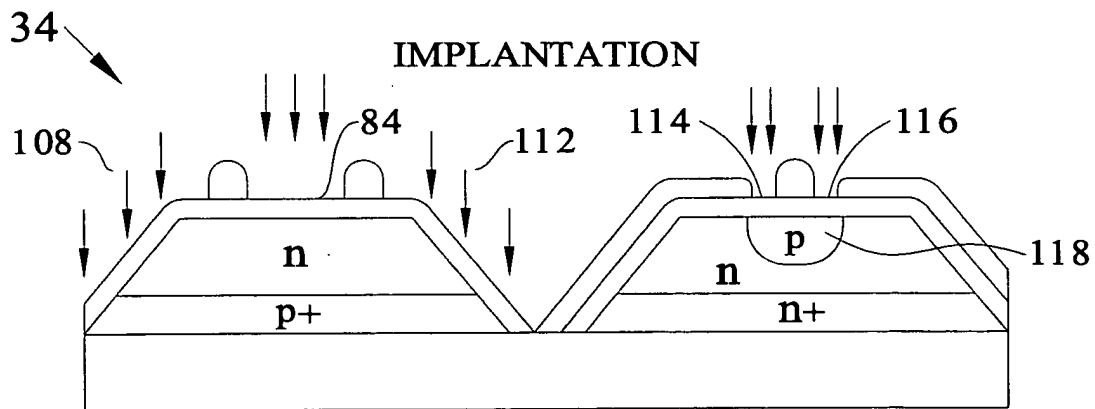


FIG. 23

34

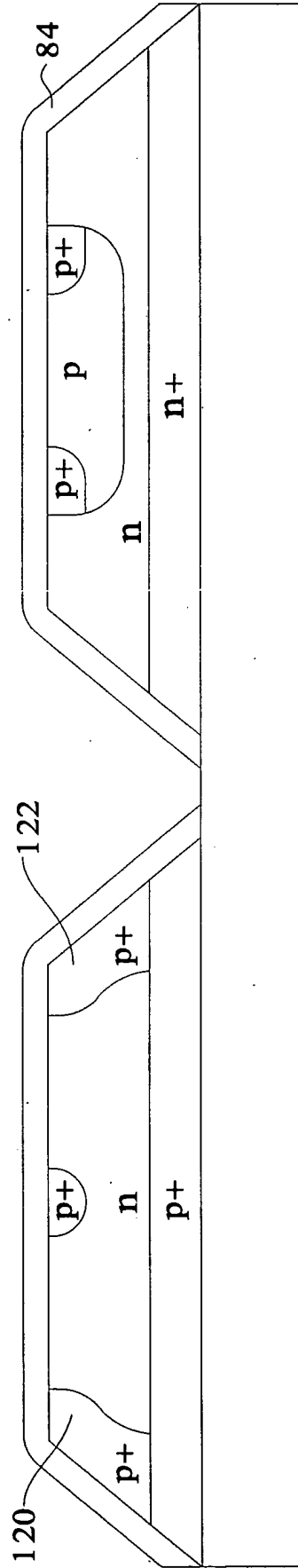


FIG. 24



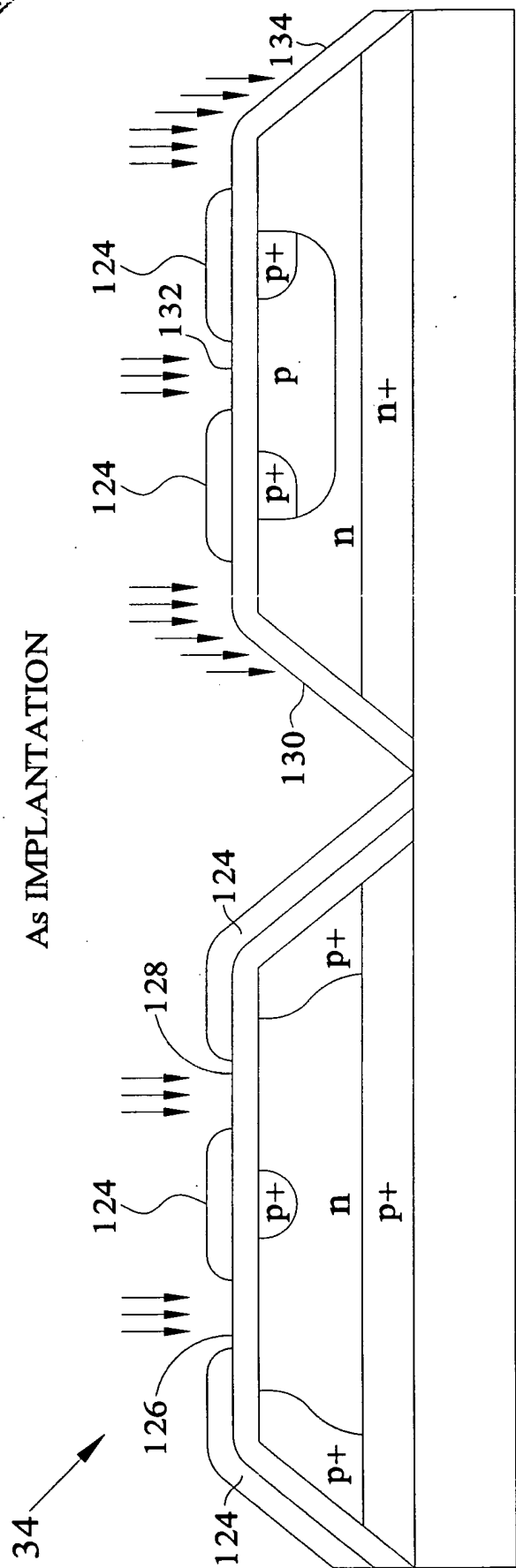


FIG. 25

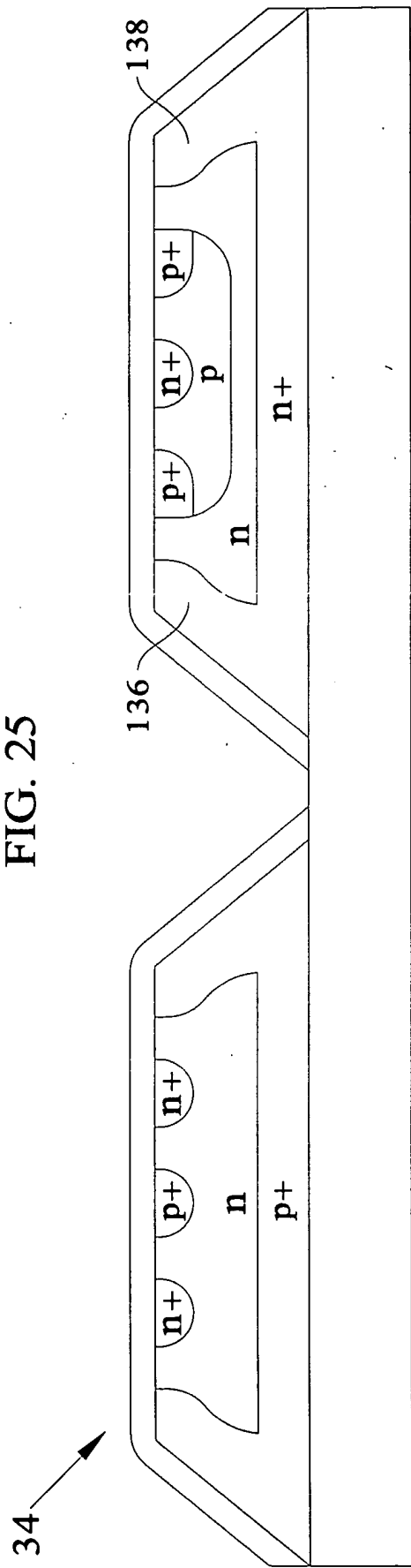


FIG. 26

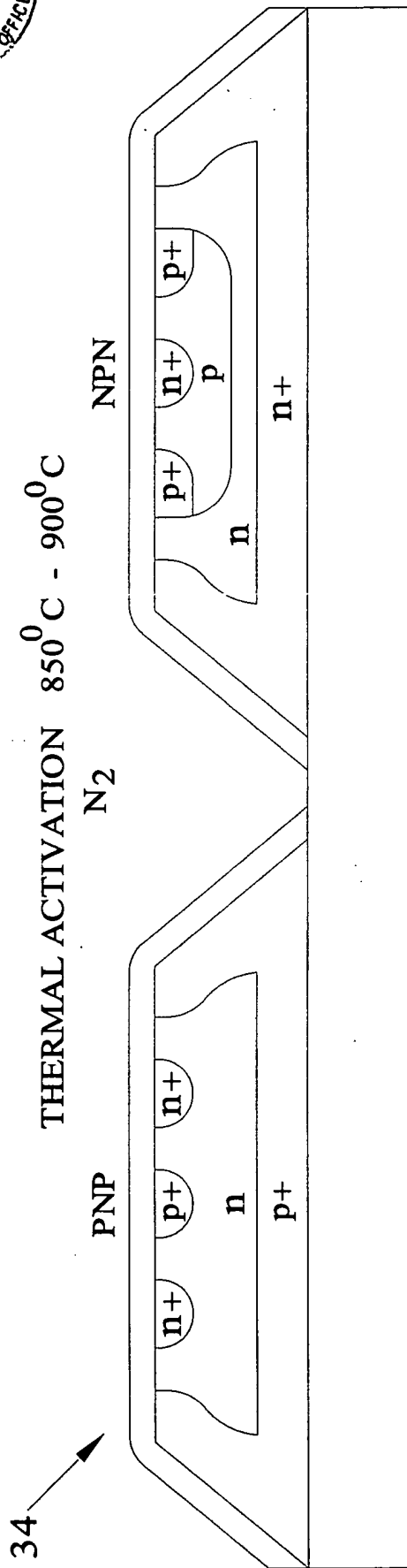


FIG. 27

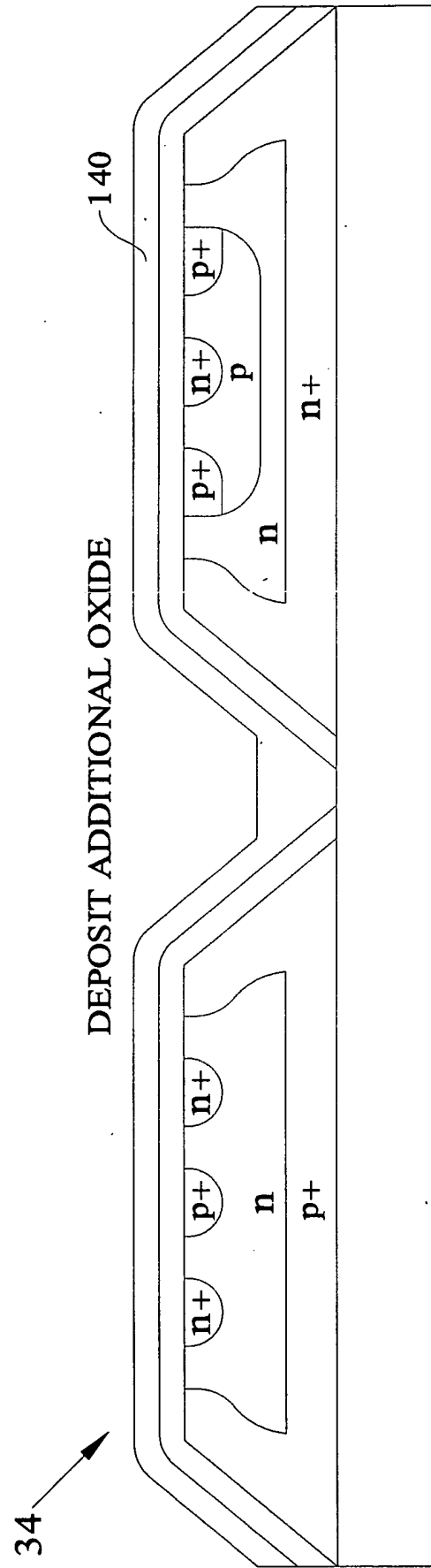


FIG. 28

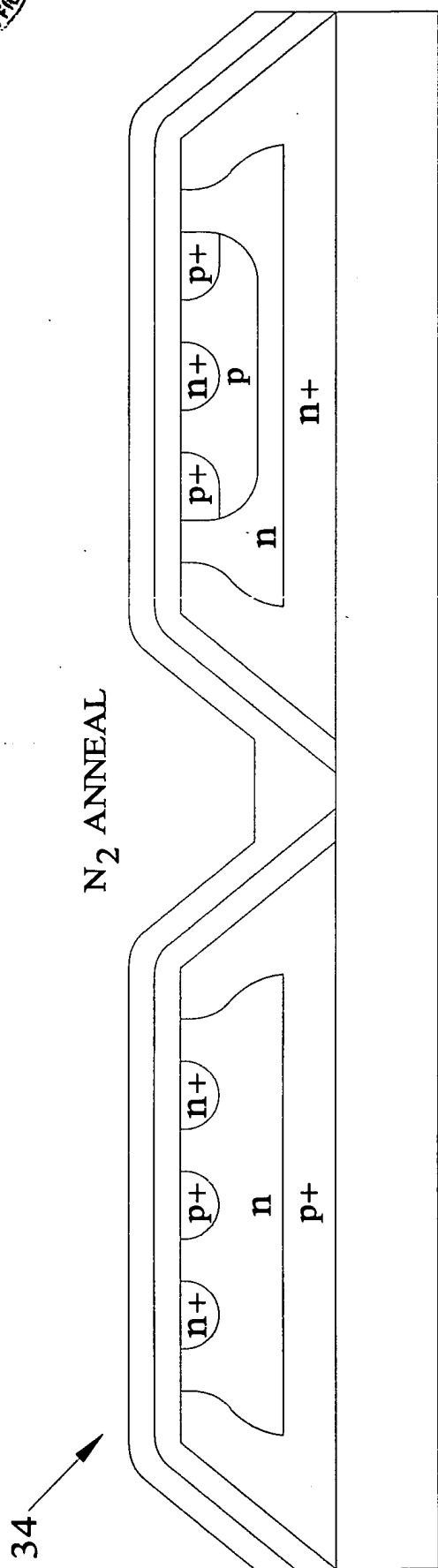


FIG. 29

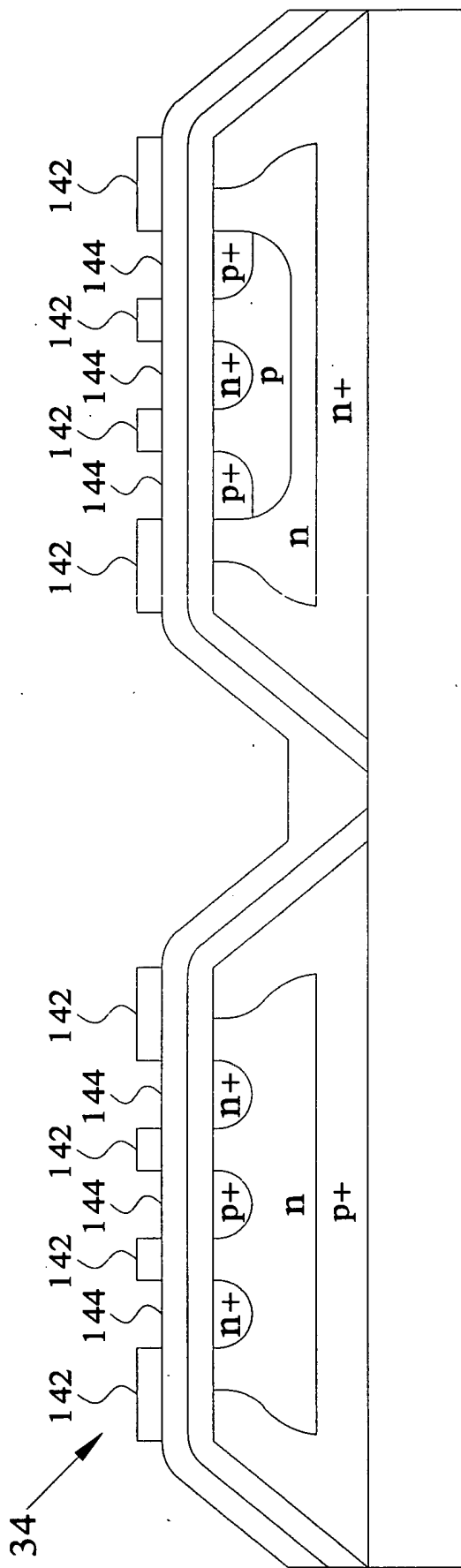
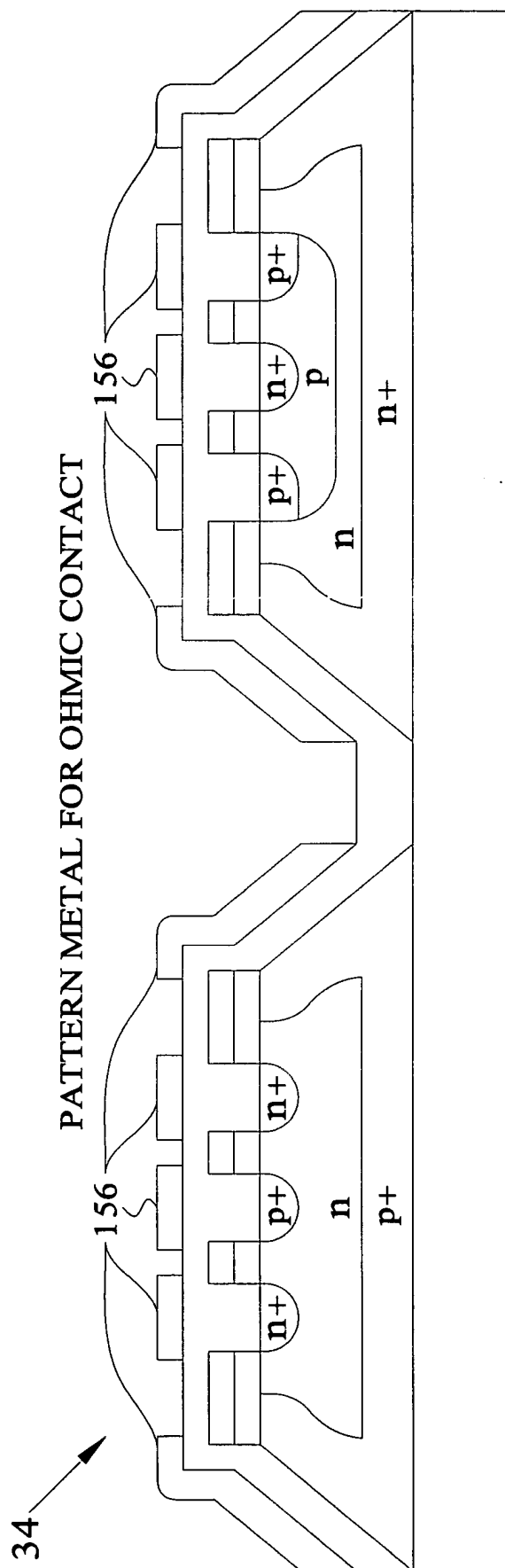
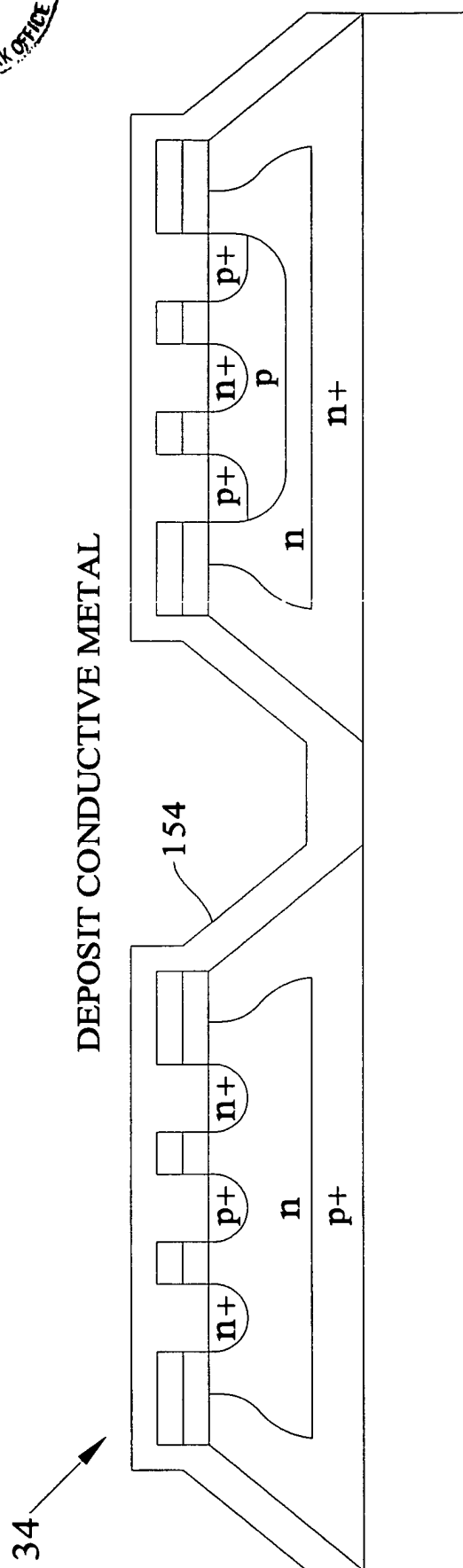
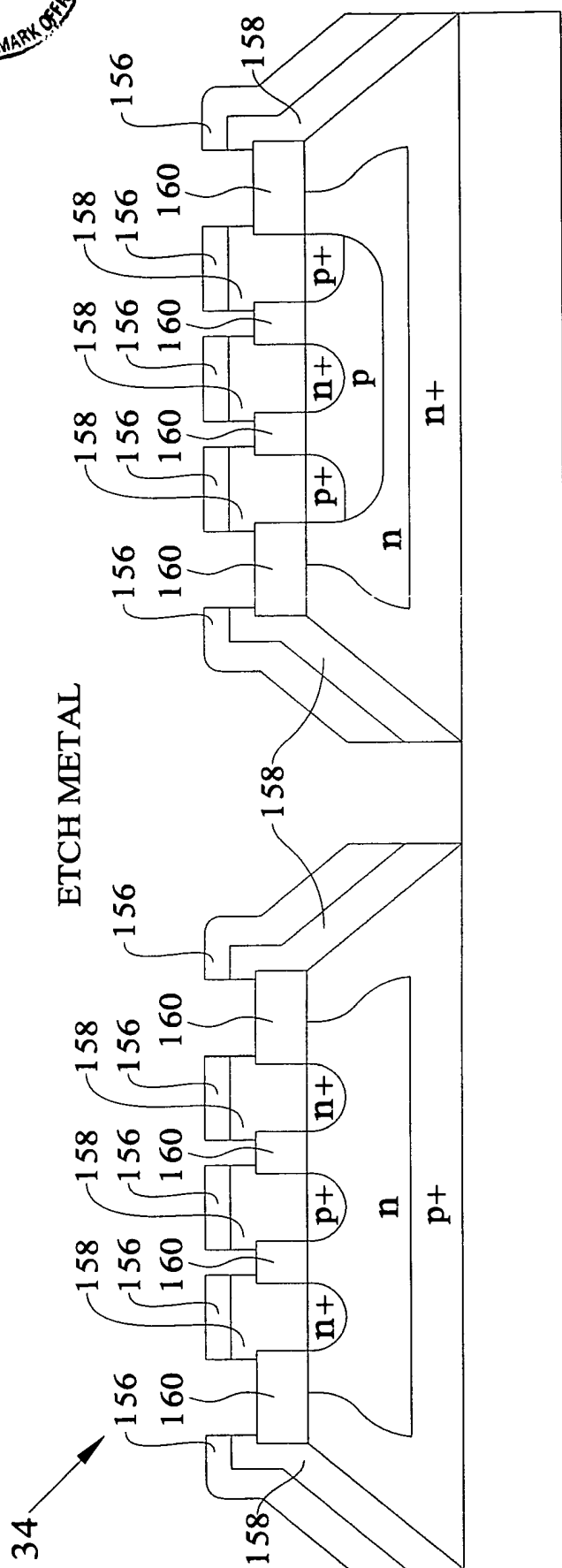


FIG. 30

FIG. 32





**FIG. 35**

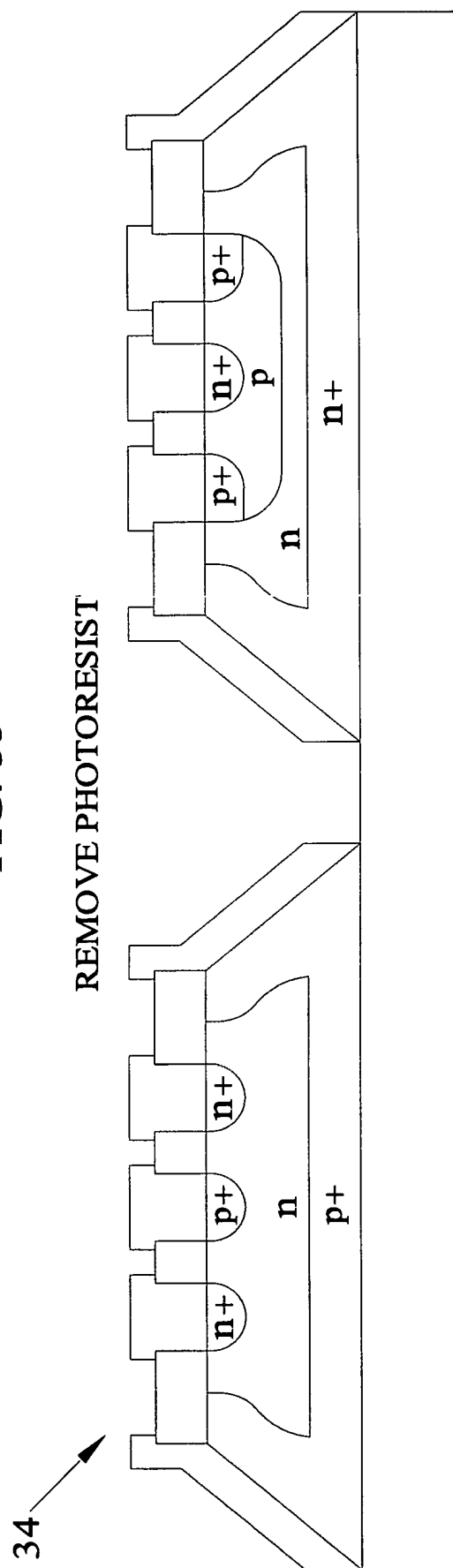


FIG. 36

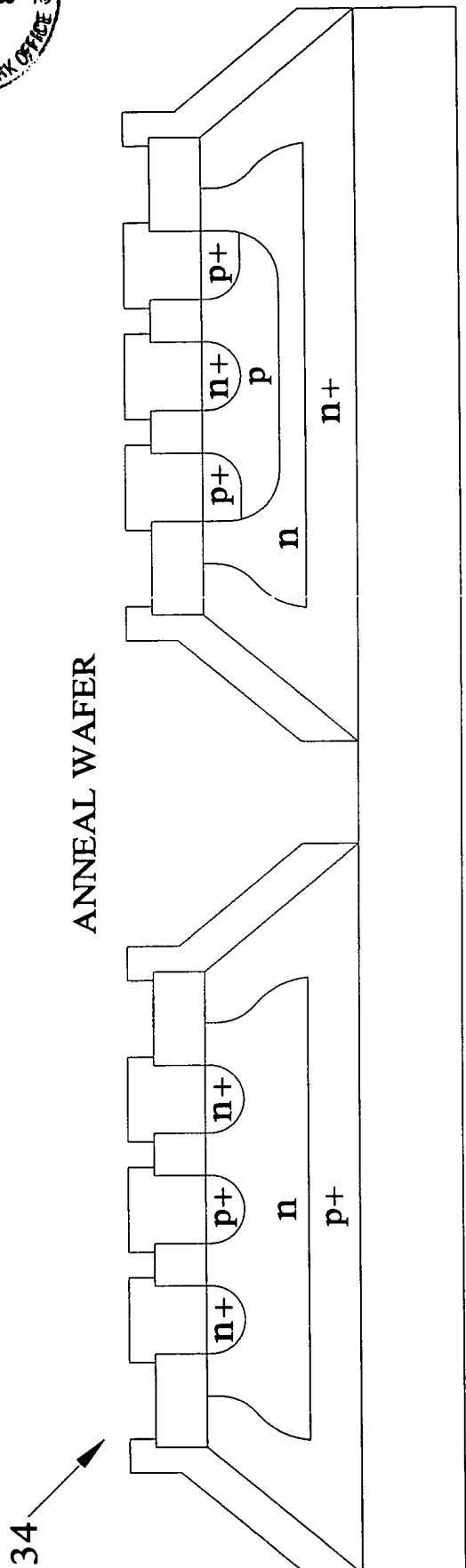


FIG. 37

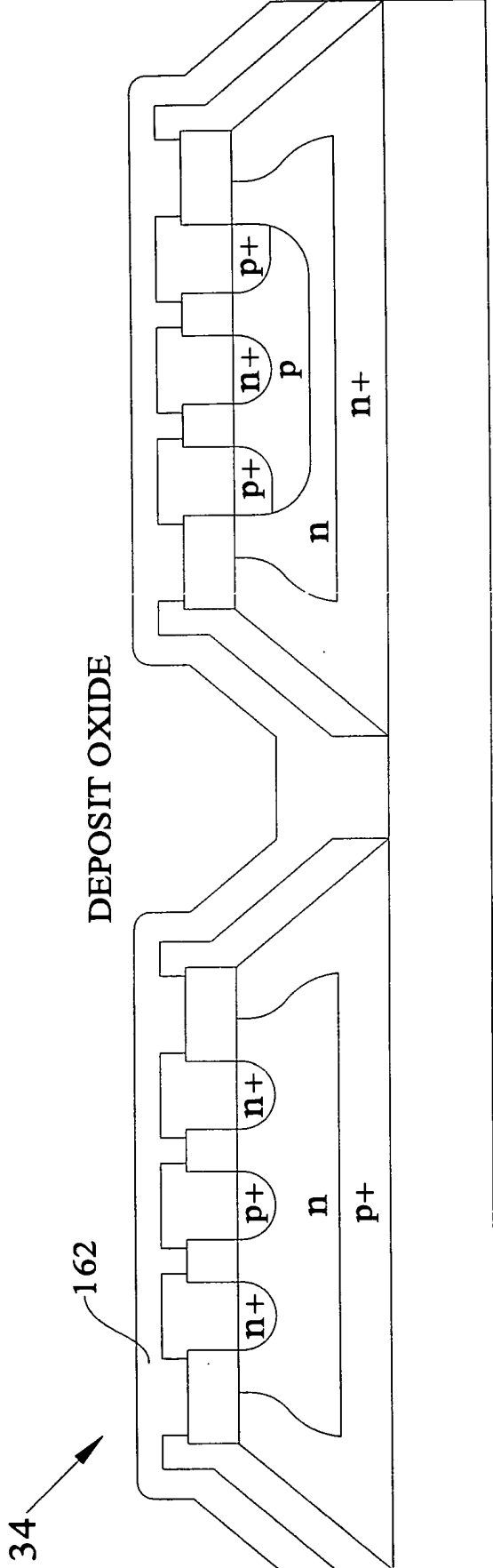


FIG. 38

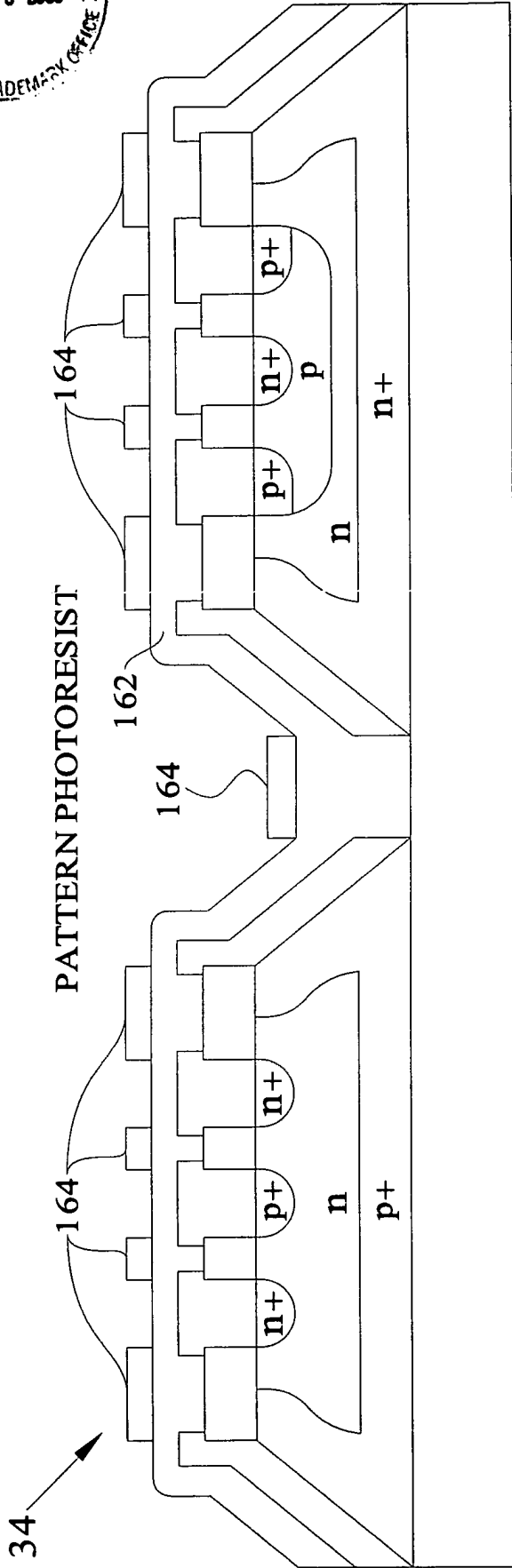


FIG. 39

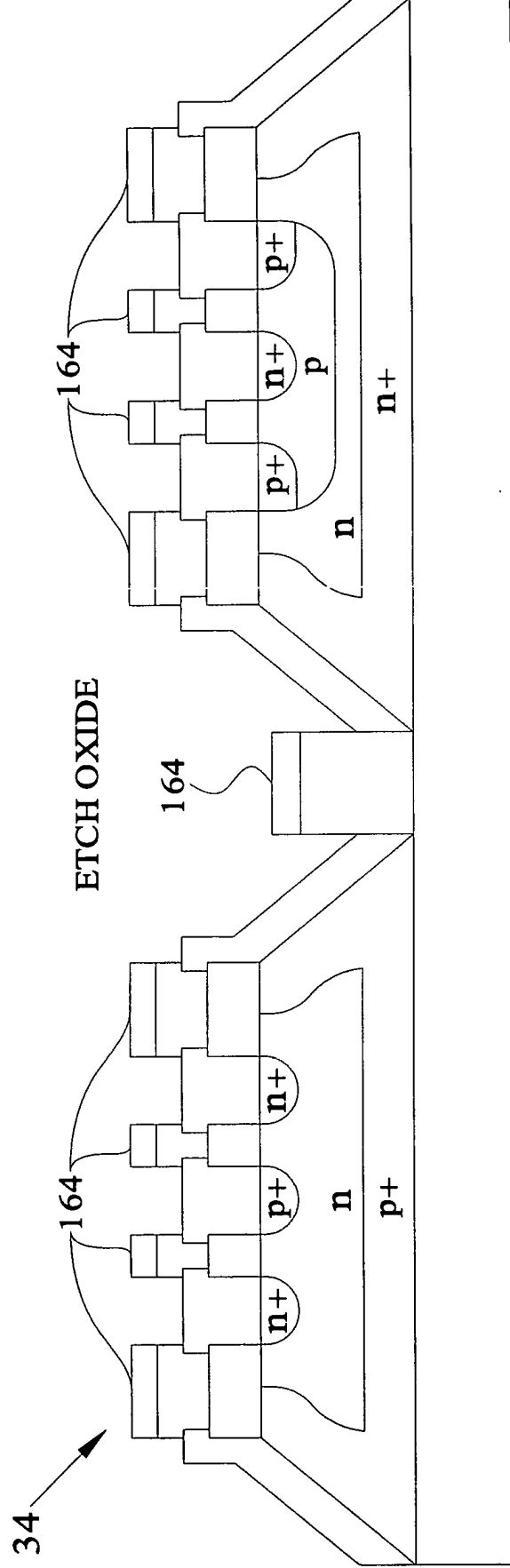
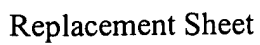


FIG. 40





REMOVE PHOTORESIST

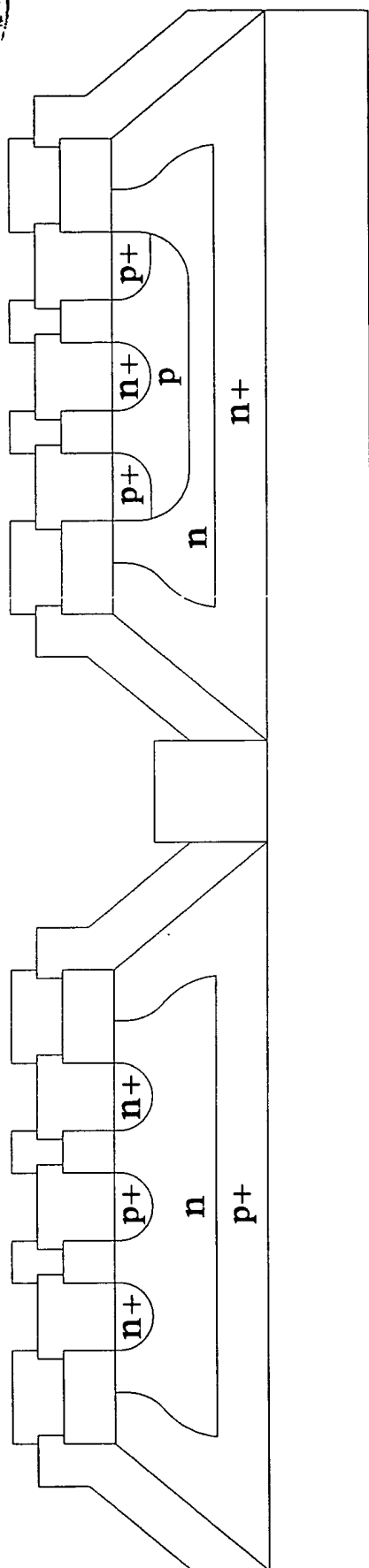
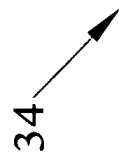


FIG. 41

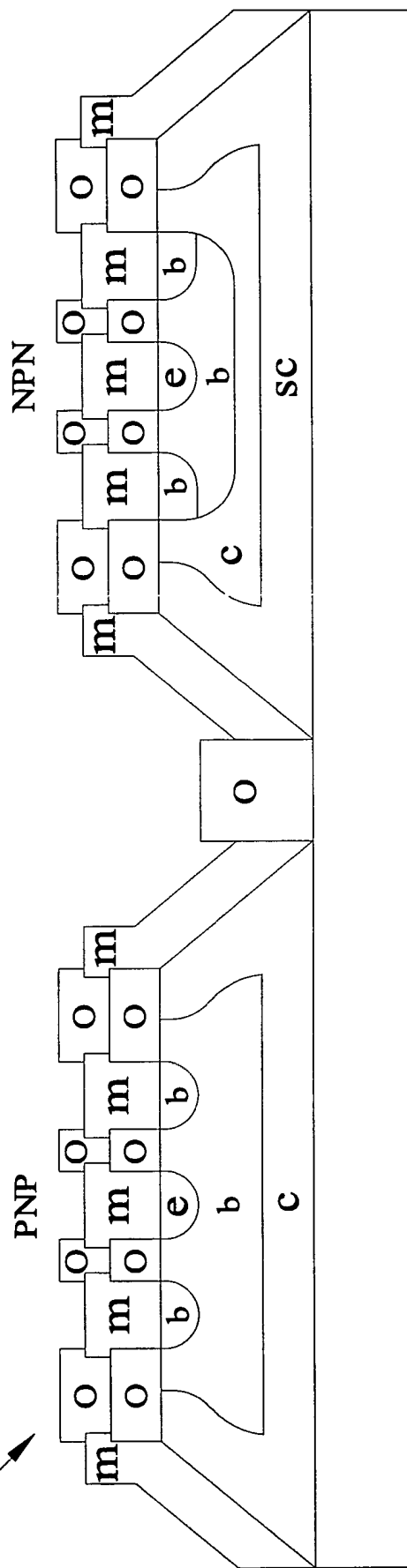


FIG. 42

KEY: m = metal o = oxide  
e = emitter